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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/669,925
Filing Date	09/24/2003
First Named Inventor	William H. Hildebrand et al.
Art Unit	1644 (Conf. No. 4622)
Examiner Name	R.B. Schwadron
Attorney Docket Number	6680.055

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation of POA, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD  <div>Remarks</div> <ol style="list-style-type: none"><li>1. Transmittal (1 page);</li><li>2. Third Supplemental Information Disclosure Statement (3 pages);</li><li>3. Third Supplemental Form PTO-1449 (2 page);</li><li>4. Copies of cited material; and</li><li>5. Return Receipt Postcard.</li></ol>	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	DUNLAP, CODDING & ROGERS, P.C.		
Signature			
Printed name	Douglas J. Sorocco		
Date	0830/2005	Reg. No.	43,145

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Signature			
Typed or printed name	Douglas J. Sorocco	Date	0830/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**EXPRESS MAIL NO.: EV 368016470 US**  
**Deposited On: AUGUST 30, 2005**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Application No.: 10/669,925** **Confirmation No.: 4622**  
**Applicant: William H. Hildebrand and Rico Buchli**  
**Filed: 09/24/2003**  
**TC/AU: 1644**  
**Examiner: R.B. Schwadron**  
**Title: ANTI-HLA ASSAY AND METHODS**  
**Docket No.: 6680.055**  
**Customer No.: 30589**

**Mail Stop - Amendment**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**List of Sections Forming Part of This  
Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

1. ☒ Preliminary Statements
2. ☒ Form PTO-1449 (Modified)
3. ☒ Copies Of Listed Information Items Accompanying This Statement
4. ☒ Identification Of Person(s) Making This Information Disclosure Statement

## **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

## **Section 2. Form PTO-1449 (Modified)**

☒ A completed Form 1449 (Modified) is attached hereto.

## **Section 3. Copies Of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this information disclosure statement.

## **Section 4. Identification Of Person(s) Making This Information Disclosure Statement**

The person making this statement is the attorney/agent who signs below on the basis of the information:

☐ supplied by the inventor(s)

☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).

[X] in the attorney/agent's file

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'D. Sorocco', written over a horizontal line.

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Attorney for Applicant

Express Mail: EV368016470US  
 Date Deposited: August 30, 2005

Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Third Supplemental IDS)**

(use as many sheets as necessary)

Complete if Known	
Application Number	10/669,925
Filing Date	09/24/2003
First Named Inventor	William H. Hildebrand et al.
Group Art Unit	1644 (Conf. No. 4622)
Examiner Name	R.B. Schwadron
Attorney Docket Number	6680.055

## **U. S. PATENT DOCUMENTS**

EXAM INIT.	Cite No. 1	U.S. PATENT NUMBER Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	5830995		Shoyab et al.	11/03/1998	
	AB	6232445		Rhode et al.	05/2001	

## **FOREIGN PATENT DOCUMENTS**

EXAM INIT.	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office 3	Number 4	Kind Code <sup>5</sup> (if known)				

**U.S. and Foreign:** <sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

AUG 30 2005

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EXAM INIT.		<p align="center"><b>PATENT DOCUMENTS</b></p> <p align="center">Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>
		"GENERIC LIPOSOME REAGENT FOR IMMUNOASSAYS", Plant et al., Analytical Biochemistry, Vol. 176, Issue 2, pages 420-426 (1989).
		"DISSOCIATION OF THE PEPTIDE-MHC CLASS I COMPLEX LIMITS THE BINDING RATE OF EXOGENOUS PEPTIDE", Ojcius et al., Journal of Immunology, vol. 151, no. 11, pages 6020-6026 (1993).
		"DISSOCIATION OF THE PEPTIDE/MHC CLASS I COMPLEX: pH DEPENDENCE AND EFFECT OF ENDOGENOUS PEPTIDES ON THE ACTIVATION ENERGY, Ojcius et al., Biochemical and Biophysical Research Communications, vol. 197, no. 3, pages 1216-1222 (1993).
		"ROLE OF HLA-A MOTIFS IN IDENTIFICATION OF POTENTIAL CTL EPITOPES IN HUMAN PAPILLOMAVIRUS TYPE 16 E6 AND E7 PROTEINS", Kast et al., Journal of Immunology, vol. 152, no. 8, pages 3904-3912 (1994).
		"THE ACCESSIBILITY OF PEPTIDES BOUND TO THE MOUSE MHC CLASS II MOLECULE IE-d STUDIED BY FLUORESCENCE", Federation of European Biochemical Societies Letters, vol. 342, no. 3, pages 230-234 (1994).
		"A NEW MURINE LYMPHOCYTOTOXIC MONOCLONAL ANTIBODY RECOGNIZING HLA-A2, -A28 AND -A9", Mizuno et al., Tissue Antigens, 48:224-227 (1996).
		"THE USE OF MAGNETIC BEADS COATED WITH SOLUBLE HLA CLASS I OR CLASS II PROTEINS IN ANTIBODY SCREENING AND FOR SPECIFICITY DETERMINATION OF DONOR-REACTIVE ANTIBODIES", Sumitran-Karuppan et al., Transplantation, 61(10):1539-1546 (1996).
		"ANTIBODY SCREENING BY ENZYME-LINKED IMMUNOSORBENT ASSAY USING POOLED SOLUBLE HLA IN RENAL TRANSPLANT CANDIDATES", Zaer et al., Transplantation, 63(1):48-51 (1997).
		"IN VITRO INDUCTION OF SPECIFIC CYTOTOXIC T LYMPHOCYTES USING RECOMBINANT SINGLE-CHAIN MHC CLASS I/PEPTIDE COMPLEXES", Lone et al., Journal of Immunotherapy, 21(4):283-294 (1998).

**Non Patent Documents:** <sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant. \*\*Place of Publication refers to name of publication in which the information was published.